

Work Order ID 139591

Monday, November 30, 2015 11:08:25 AM

139591

Page 1

Item ID: D3589-041 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Latch Assembly
 Start Date: 11/30/2015 Start Qty: 2.00 ***2*** Cust Item ID:
 Required Date: 11/30/2015 Req'd Qty: 2.00 ***2*** Customer:
 Reference:

Approvals: Process Plan: MLS Date: DEC 02 2015 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3589	C								

100

100

Large Fab

Large Fab

Memo

1- Form D3589-11, assemble and weld D3589-9 to D3589-11 as per dwg D3589

2- grind weld flush as per dwg D3589

3- slide (4) D3589-3 Arm Guides on D3589-1 Arm and weld D3589-13 lugs on both ends as per dwg D3589

*** ensure that the 4 ARM GUIDES are on the ARM before welding both LUGS***

4- using DT9033 jig install parts on door and weld as per dwg D3589 QSI004
 ensure parts fit correctly on jig

A/R Stainless Steel Rod Batch: 123825

2

16-03-02

JAL

110

110

QC

Quality Control

QC9- Inspect visual per QSI004- Fusion Welds

Memo

0.00

0.00

(2)

16-03-03

DAS
9
0-89

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY							
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence	☐
Past Expiry Date	☐	Manufacturing Process	☐	OTHER :							
Misidentified	☐	Past Due	☐								

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120	QC5- Inspect part completeness to step on W/O	0.00							
120									DAS
QC	Memo	0.00							9
Quality Control									9-89
130		0.00							
130									
Small Fab	Memo	0.01							
Small Fab	1- Assemble as per dwg								
140	QC5- Inspect part completeness to step on W/O	0.00							
140									DAS
QC	Memo	0.00							38
Quality Control									9-89

② 16-03-03

2 FF MAR 04 2016

②

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Past Expiry Date	☐	Manufacturing Process	☐	OTHER : _____							
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MCS MAR 07 2016

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				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Picklist Print

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Parent Item: D3589-041

D3589-041

Parent Item Name: Latch Assembly

Start Date: 11/30/2015

Required Date: 11/30/2015

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:A new issue 08-06-05 DD verified by:ec IPP RevB: revise
process as per coss DD 10.01.18 verified by:EC IPP REV:C 12.07.23 AS
PER REV.C DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D3589-1		Manufactured	No			100	Each	9.0000	1	2			
D3589-1									**				
Arm													

Location	Loc Qty	Loc Code
WA001	2	
137777	2	
WA002	7	
134515	1	
137303	6	

D3589-11		Manufactured	No			100	Each	7.0000	1	2			
D3589-11									**				
Fwd Guide Plate													

Location	Loc Qty	Loc Code
WA002: 137595	7	
134265	3	
137063	4	

D3589-13		Manufactured	No			100	Each	16.0000	2	4			
D3589-13									**				
Lug													

Location	Loc Qty	Loc Code
WA002: 139002	16	
113171	2	
134461	2	
137244	12	

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Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
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139591

Parent Item: D3589-041

D3589-041

Parent Item Name: Latch Assembly

Start Date: 11/30/2015

Required Date: 11/30/2015

Start Qty: 2.00

Required Qty: 2.00

D3589-15 Manufactured No

130 Each 17.0000 2 4

D3589-15

FF

MAR 04 2016

Link

Location

Loc Qty

Loc Code

WA002

137716

17

123046

1

134450

4

137236

12

1

3

D3589-23 Manufactured No

100 Each 31.0000 2 4

D3589-23

Arm Guide

Location

Loc Qty

Loc Code

WA002

31

114880

11

137072

20

4

4

D3589-3 Manufactured No

130 Each 27.0000 2 4

D3589-3

Arm Guide

Location

Loc Qty

Loc Code

WA002

27

134326

11

137633

16

4

2

D3589-7 Manufactured No

100 Each 7.0000 1 2

D3589-7

Aft Guide Plate

Location

Loc Qty

Loc Code

WA002

139504

7

126313

7

2

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Shop Packet Print

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D3589-041

Parent Item Name: Latch Assembly

Start Date: 11/30/2015

Required Date: 11/30/2015

Start Qty: 2.00

Required Qty: 2.00

D3589-9

Manufactured No

100

Each

4.0000

1

2

D3589-9

Fwd Guide Plate

Location

Loc Qty

Loc Code

WA002

139523

4

137156

4

2

16-03-01
JBL

MS20392-1C7

Purchased

No

130

Each

30.0000

2

4

MS20392-1C7

Pin

FF

MAR 04 2016

Location

Loc Qty

Loc Code

ST314

30

m128976

30

4

MS24665-1010

Purchased

No

130

Each

238.0000

2

4

MS24665-1010

COTTER PIN

FF

MAR 04 2016

Location

Loc Qty

Loc Code

ST288

238

108335

200

114405

38

4

NAS1149DN432J

Purchased

No

130

Each

197.0000

4

8

NAS1149DN432.J

WASHER

FF

MAR 04 2016

Location

Loc Qty

Loc Code

CA

17636

197

m129682

197

8

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Shop Packet Print

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DQA: _____ Date: _____

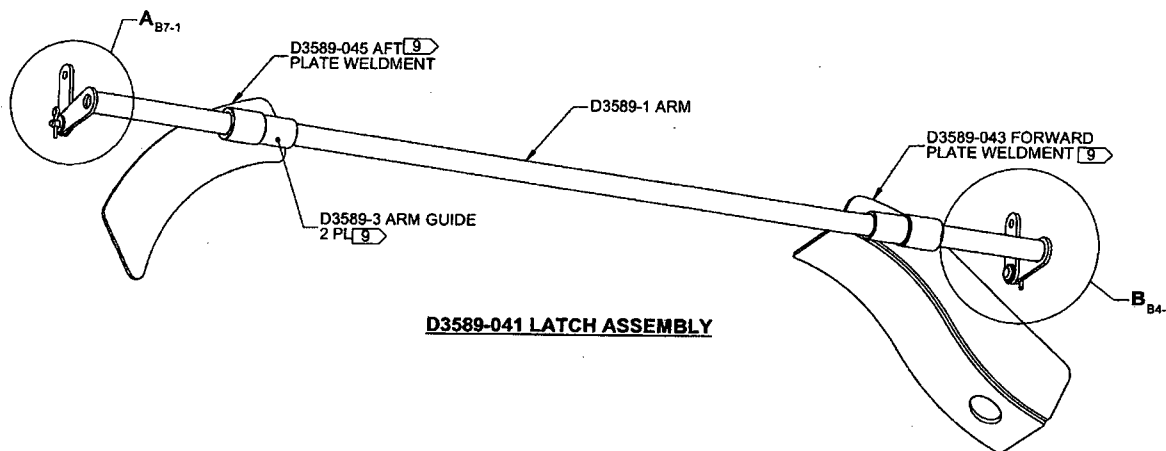


WORK ORDER NON-CONFORMANCE / UPDATE

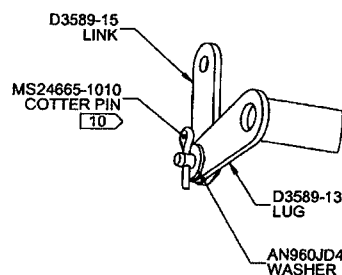
QA Closed: _____ Date: _____

Work Order update only ☐

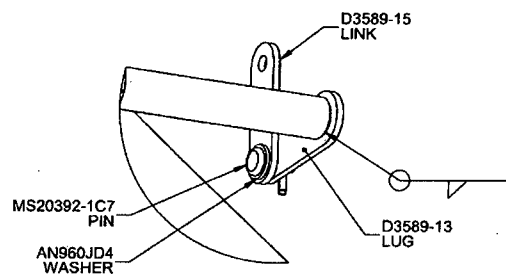
Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		OTHER : _____					



D3589-041 LATCH ASSEMBLY



DETAIL A: LINK ASSEMBLY DETAIL
SCALE 2X
2 PL



DETAIL B: WELDING AND LINK ASSEMBLY DETAIL
SCALE 2X
2 PL

ITEM	QTY.	P/N	DESCRIPTION
	X	D3589-041	LATCH ASSEMBLY
1	1	D3589-043	FORWARD PLATE WELDMENT
2	1	D3589-045	AFT PLATE WELDMENT
3	1	D3589-1	ARM
4	2	D3589-3	ARM GUIDE
5	2	D3589-13	LUG
6	2	D3589-15	LINK
7	4	AN960JD4	WASHER
8	2	MS20392-1C7	PIN
9	2	MS24665-1010	COTTER PIN

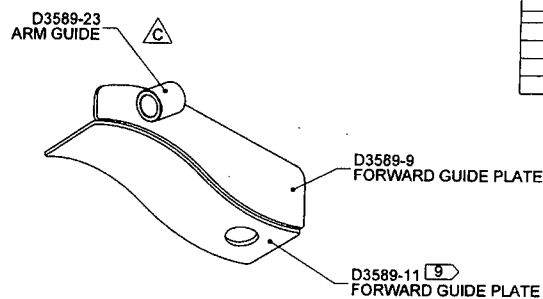
SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

139591 ML5
15-12-02
RELEASED
R 2012-07-16

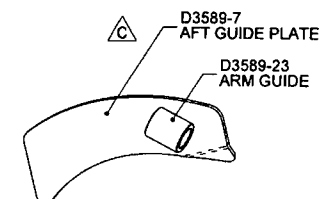
C	REVISED D3589-5; 2.75 WAS 3.00 (ZN B6-4); ADDED D3589-21 (ZN B3-4); AFFECTS D3589-047 (ZN A7-3) AND D3589-049 (ZN A3-3); REVISED D3589-15; Ø 0.140 WAS Ø 0.129 (ZN B4-7); 0.900 WAS 1.150 (ZN C4-7); ADDED D3589-23 (ZN C3-4); AFFECTS D3589-043-045 (ZN D7-2 AND D2-2); REASON: PART 12-177.	MB	12.07.04
B	0.90 AND 0.93 REF WERE 1.97 AND 0.60 (ZN C6-2); 0.50 WAS 1.89 (ZN C3-2); 0.75 REF REPLACES 2.01 (ZN C2-2); 26" WAS 15" (ZN B2-2); 19.00 WAS 18.88 (ZN D4-4); REDESIGNED D3589-9 (ZN A6-6) AND D3589-11F (ZN C2-3); REASON: REDESIGN FOR PROPER FIT AND TO MATCH TESTED CONFIGURATION	MB	08.06.25
A	NEW ISSUE	MB	08.05.29
REV.	DESCRIPTION	BY	DATE
DESIGN	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN			
CHECKED			
MFG. APPR.	D3589	REV. C	SHEET 1 OF 8
APPROVED		TITLE	SCALE
DE APPR.		LATCH ASSEMBLY	NTS
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- D3589-041 NOTES:**
- 1) MATERIAL: N/A
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3589-041" AND B/N "BXXXXX" PER DART QSI 044 6.1 (FINE POINT PAINT MARKER)
 - 7) WEIGHT: 0.75 lbs
 - 8) WELDING: PER DART QSI 004 USING DT9033
 - 9) IDENTIFIED PARTS ARE LOOSE ON D3589-1 ARM
 - 10) INSTALL COTTER PIN IN ACCORDANCE WITH MS33540

ITEM	QTY -043	QTY -045	P/N	DESCRIPTION
	X		D3589-043	FORWARD PLATE WELDMENT
		X	D3589-045	AFT PLATE WELDMENT
1		1	D3589-7	AFT GUIDE PLATE
2	1		D3589-9	FORWARD GUIDE PLATE
3	1		D3589-11	FORWARD GUIDE PLATE
4	1	1	D3589-23	ARM GUIDE



D3589-043 FORWARD PLATE WELDMENT



D3589-045 AFT PLATE WELDMENT

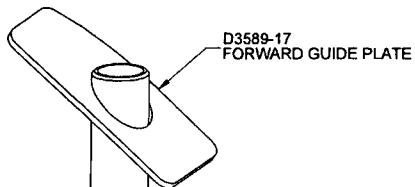
D3589-043/-045 NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT:
 - D3589-043 = 0.23 lbs
 - D3589-045 = 0.10 lbs
- 8) WELDING: PER DART QSI 004 USING DT9033
- 9) FORM D3589-11 TO FIT D3589-9 MATING EDGE

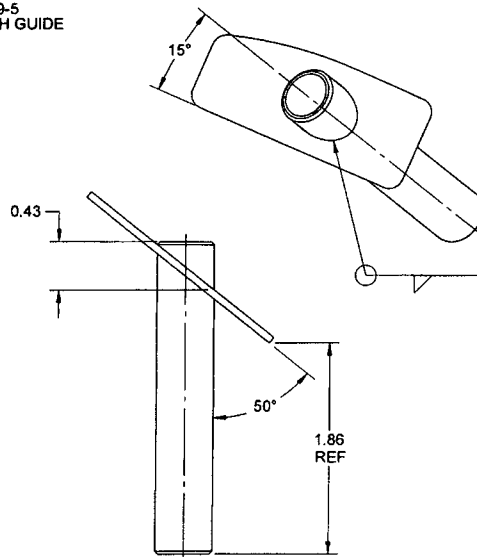
RELEASED
2012-07-16

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO. D3589	REV. C
MFG. APPR.			SHEET 2 OF 8
APPROVED		TITLE	SCALE
DE APPR.		LATCH ASSEMBLY	NTS
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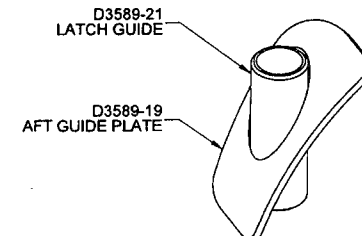
ITEM	QTY -047	QTY -049	P/N	DESCRIPTION
	X		D3589-047	FORWARD GUIDE
		X	D3589-049	AFT GUIDE
1	1		D3589-5	LATCH GUIDE
2	1		D3589-17	FORWARD GUIDE PLATE
3		1	D3589-19	AFT GUIDE PLATE
4		1	D3589-21	LATCH GUIDE



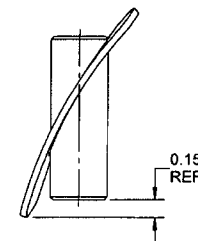
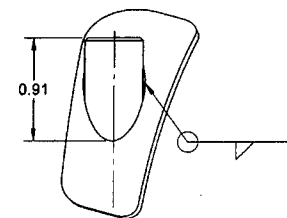
D3589-5
LATCH GUIDE



D3589-047 FORWARD GUIDE



D3589-19
AFT GUIDE PLATE



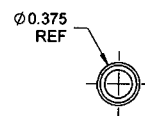
D3589-049 AFT GUIDE

D3589-047/-049 NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT:
 - D3589-047 = 0.08 lbs
 - D3589-049 = 0.05 lbs
- 8) WELDING: PER DART QSI 004

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2012-07-16

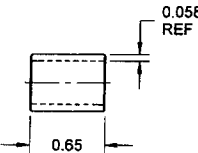
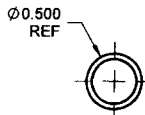
DESIGN		DART AEROSPACE LTD	
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CHECKED		DRAWING NO. D3589	REV. C
MFG. APPR.			SHEET 3 OF 8
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DE APPR.			NTS
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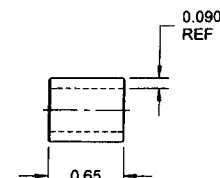
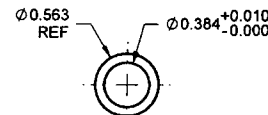
0.03 X 45°
CHAMFER
2 PL



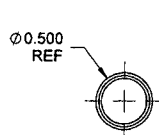
D3589-1 ARM



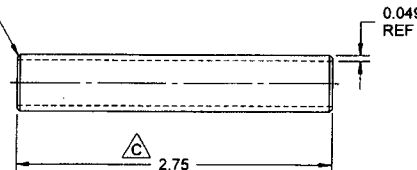
D3589-3 ARM GUIDE



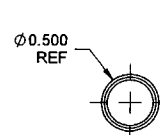
D3589-23 ARM GUIDE



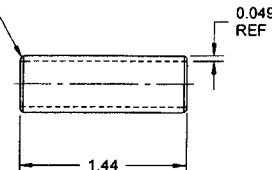
0.03 X 45°
CHAMFER
2 PL



D3589-5 LATCH GUIDE



0.03 X 45°
CHAMFER
2 PL



D3589-21 LATCH GUIDE

D3589-1/-3/-5/-21/-23 NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SEAMLESS ROUND TUBING
D3589-1: 0.375 O.D. X 0.065 WALL (REF. DART SPEC M304TR0.375W.065)
D3589-3: 0.500 O.D. X 0.058 WALL (REF. DART SPEC M304TR0.500W.058)
D3589-5/-21: 0.500 O.D. X 0.049 WALL (REF. DART SPEC M304TR0.500W.049)
D3589-23: AISI 304/316 STAINLESS STEEL ROUND BAR PER ASTM A276
(REF. DART SPEC M304R)

2) FINISH: NONE

3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

4) UNITS: INCHES UNLESS OTHERWISE NOTED

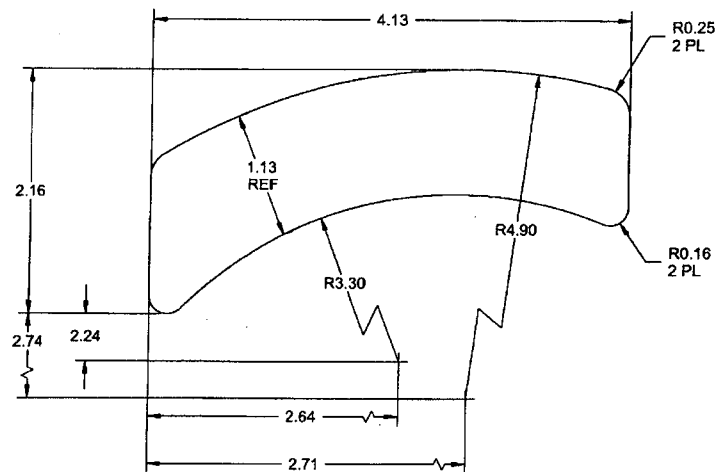
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

6) IDENTIFICATION: N/A

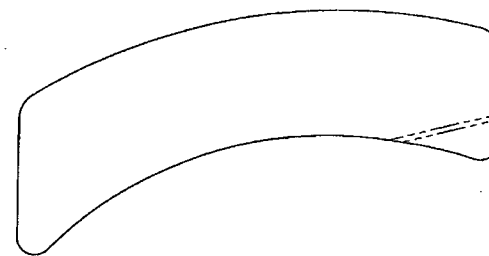
7) WEIGHT: - D3589-1 = 0.34 lbs
- D3589-3 = 0.01 lbs
- D3589-5 = 0.06 lbs
- D3589-21 = 0.03 lbs
- D3589-23 = 0.02 lbs

RELEASE
2012-07-16

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MFG. APPR.		D3589	SHEET 4 OF 8
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DE APPR.		LATCH ASSEMBLY	NTS
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**D3589-7F AFT GUIDE PLATE
FLAT PATTERN**



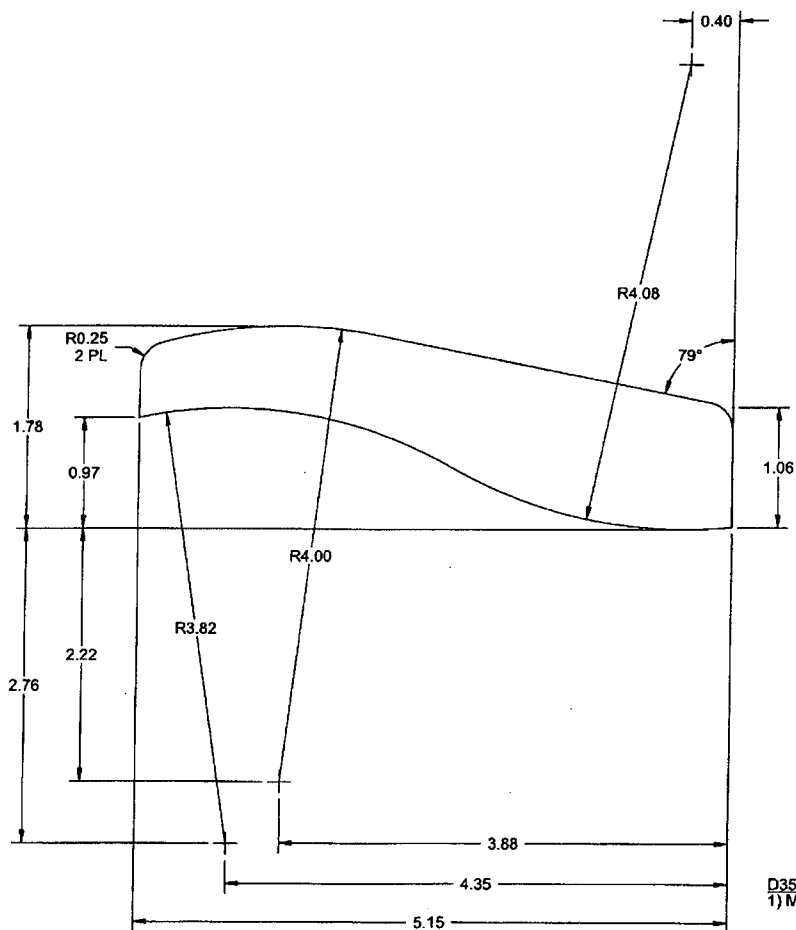
**D3589-7 AFT GUIDE PLATE
MAKE FROM D3589-7F**

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2012-07-16
AW

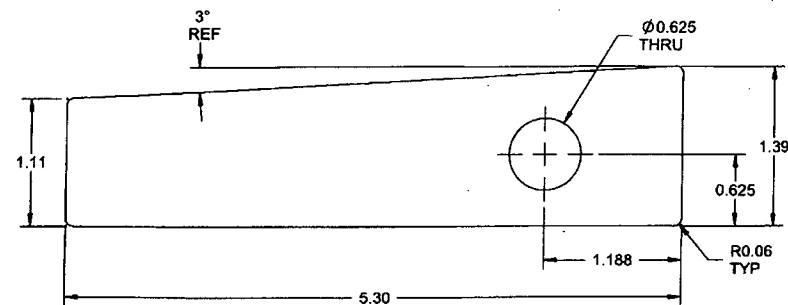
D3589-7F NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET, PER AMS 5513 OR AMS 5524, OR MIL-S-5059 (ANNEALED) 2B FINISH
16 GAUGE (0.063 THICK), (REF. DART SPEC M304S16GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.09 lbs

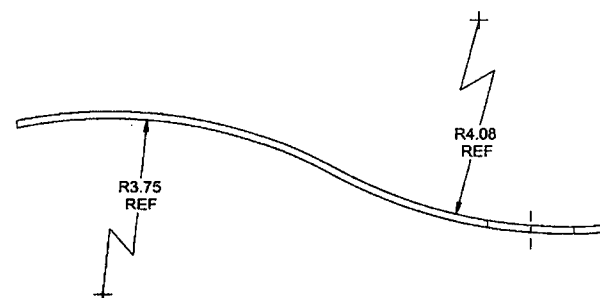
DESIGN		DART AEROSPACE LTD	
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MFG. APPR.		SHEET 5 OF 8	
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D3589-9 FORWARD GUIDE PLATE



**D3589-11F FORWARD GUIDE PLATE
FLAT PATTERN**



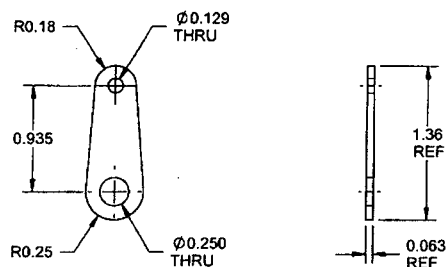
**D3589-11 FORWARD GUIDE PLATE
(MAKE FROM D3589-11F)**

D3589-9/-11/-11F NOTES:

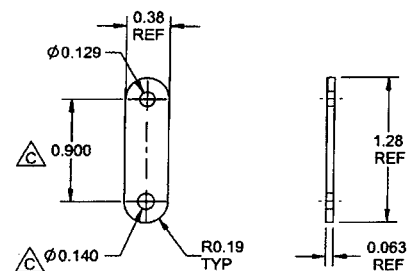
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET,
PER AMS 5513 OR AMS 5524,
OR MIL-S-5059 (ANNEALED) 2B FINISH
16 GAUGE (0.063 THICK),
(REF. DART SPEC M304S16GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS
OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.09 lbs EACH
- 8) CONTROL SHAPE PER DT9021 TEMPLATE

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MFG. APPR.		D3589	SHEET 6 OF 8
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DE APPR.		LATCH ASSEMBLY	NTS
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D3589-13 LUG



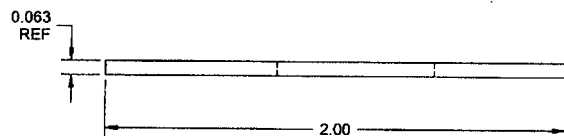
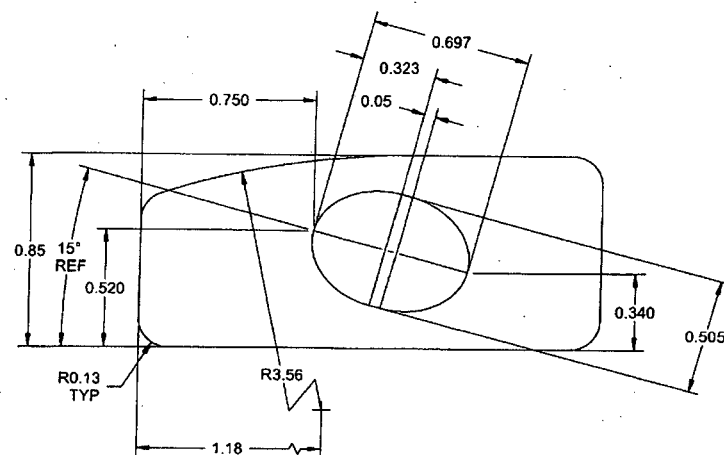
D3589-15 LINK

RELEASED
R 2012-07-16
MD

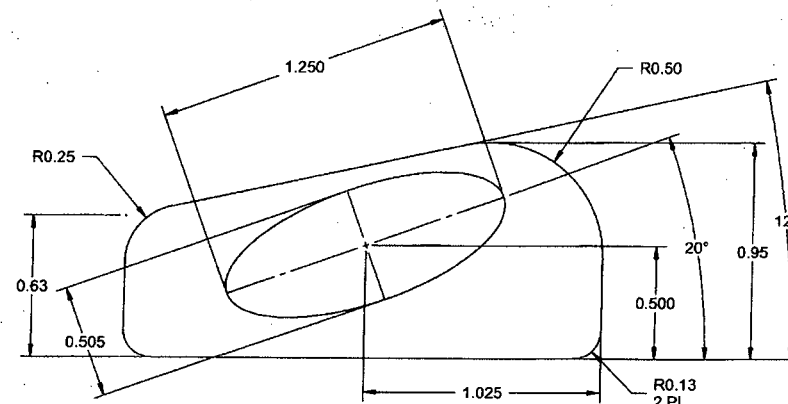
D3589-13-15 NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET, PER AMS 5513 OR AMS 5524, OR MIL-S-5059 (ANNEALED) 2B FINISH 16 GAUGE (0.063 THICK), (REF. DART SPEC M304S16GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.01 lbs EACH

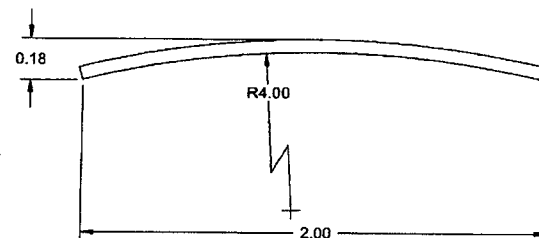
DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		D3589	SHEET 7 OF 8
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D3589-17 FORWARD GUIDE PLATE



D3589-19F AFT GUIDE PLATE FLAT PATTERN



D3589-19 AFT GUIDE PLATE
(MAKE FROM D3589-19F)

RELEASED
2012-07-16

D3589-17/-19/-19F NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET, PER AMS 5513 OR AMS 5524, OR MIL-S-5059 (ANNEALED) 2B FINISH 16 GAUGE (0.063 THICK), (REF. DART SPEC M304S16GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.02 lbs EACH

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		D3589	SHEET 8 OF 8
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DE APPR.		LATCH ASSEMBLY	NTS
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